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571-273-8300

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42,440

Registration Number, if applicable

330-499-9200, x2930

Telephone Number

Hoover Case 2577

Serial no. 10/067,196

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Duly executed Rule 1.13) affidavit of David P. Parks  
Hoover Design Sketch # 051175

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SEP 08 2005

Appl. No. 10/067,186  
Amdt. dated August 24, 2005  
Reply to Office Action of May 24, 2005

Atty Docket 2577

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICATION OF: PARKS )

GROUP: 1724 )

Serial No.: 10/067,186 )

EXAMINER: PHAM )

FILED: February 4, 2002 )

FOR: FILTRATION BAG )

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 08 day of September, 2005.

by: Michael J. Corrigan  
Reg. 42,440MAIL STOP NON-FEE AMENDMENT  
COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450**DECLARATION OF PRIOR INVENTION IN THE UNITED STATES  
OR IN A NAFTA OR WTO MEMBER COUNTRY  
TO OVERCOME CITED PATENT OR PUBLICATION (37 C.F.R. § 1.131)****PURPOSE OF DECLARATION**

1. This declaration is to establish completion of the invention of this application in the United States at a date prior to January 31, 2002, that is the effective date of the prior art that was cited by the Examiner.
2. The person making this decision is the inventor.

Exhibit A

Appl. No. 10/067,186  
Amdt. dated August 24, 2005  
Reply to Office Action of May 24, 2005

### FACTS AND DOCUMENTARY EVIDENCE

3. To establish the date of completion of the invention of this application, the following attached design sketch (#051175) is submitted as evidence:

4. From these documents and/or models, it can be seen that the invention in the application was made at least by the date of February 9, 2000, which is the earlier than the effective date of the reference.

### DILIGENCE

5. An affidavit establishing the diligence of the applicants, from the time of their conception, to a time just prior to the date of the reference, up to the filing of this application was previously filed in the Response to Office Action dated October 26, 2004 and marked as Exhibit A.

### TIME OF PRESENTATION OF THE DECLARATION

6. This declaration is submitted with the response to the second Office Action that issued after final rejection, and is for the purpose of overcoming a new ground of rejection or requirement made in the Office Action.

### DECLARATION

7. As a person signing below:

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application of any patent issued thereon.

Exhibit A

Appl. No. 10/067,186  
Amdt. dated August 24, 2005  
Reply to Office Action of May 24, 2005

A. Full name of sole or first inventor:  
Inventor's signature:

David P. Parks

David P. Parks

Date:

3 SEPTEMBER, 2005

Residence:  
Post Office Address:

State of Ohio, County of Stark  
208 7<sup>th</sup> Street, N.E.  
North Canton, OH 44720

Country of Citizenship:

U.S.A.

B. Assignee:

The Hoover Company

Name of Person Authorized to  
Sign on Behalf of Assignee:

Michael J. Corrigan

Signature of Person Authorized to  
Sign on Behalf of Assignee:

Michael J. Corrigan

Title of Person Authorized to  
Sign on Behalf of Assignee:

Senior Patent Attorney

Date:

September 8, 2005

Address of Assignee:

101 E. Maple Street  
North Canton, OH 44720

Assignment recorded in PTO on July 31, 2002

Reel 013137 Frame 0582

Exhibit A

The purpose of this Design Sketch is to suggest an alternative approach to making "HEPA" throw-away bags. BHA, soon to become a supplier of "HEPA" cartridges for our Omega & Saturn projects, is a manufacturer of ePTFE membrane ("teflon" similar to "Goretex").

This sketch suggests that we work with BHA to determine the feasibility of using their membrane, laminated to paper (or something similar) to produce a throw-away "HEPA" bag. One advantage of this approach over the others that we are currently investigating, is the thinness of the membrane. It should be possible to produce on existing equipment with virtually no changes (except to run it slower to avoid damaging the membrane) without the end-folds becoming too bulky to manage.

This would likely be patentable for this application.

☐ NO PRESENT INTEREST  
☐ HAVE BETTER MEANS  
☐ NOT FUNCTIONAL  
 WILL BE USED ON MODEL

ENGINEERING REVIEW

KEYWORDS 1. HEPA 2. BAG 3. ePTFE

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SHEET	1	OF	1	X10-52	10-54
TITLE "HEPA" THROW AWAY BAG					051175
SIGNATURE	<i>David P. Parks</i>			DATE	9 FEB 00
WITNESS	<i>David R. Rumble</i>			DATE	18 Feb 00
WITNESS	<i>David J. Duff</i>			DATE	21 Feb 00
ENG. 116 (R3)				P. 1. NO.	
				CASE	

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